

Application No. 10/541,277
Amdt. Dated September 16, 2008
Reply to Office Action of May 16, 2008

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-16 (Cancelled)

17. (New) A medical kit for use in a method to produce a liquid embolize ready for use in a method for treatment vascular malformations, said liquid embolize consisting of:

(a) 20 to 80% v/v of an occlusion mixture containing a zein emulsion in aqueous ethanol,

(b) 10 to 40% v/v of a radiopaque contrast medium in liquid form and

(c) 10 to 40% v/v of ethanol,

the percentages of components (a), (b) and (c) adding up to 100% of the liquid embolize,

components (a), (b) and (c) being separately packed and drawn-up into syringes, the kit further including at least one empty syringe for accommodation of the readily prepared liquid embolize and a three-way cock.

18. (New) The kit of claim 17, wherein said components (b) and (c) are provided at a volume ratio ranging between 1:2 and 2:1.

19. (New) The kit of claim 18, wherein said components (b) and (c) are provided at a volume ratio of equal volume fractions.

20. (New) The kit of claim 17, wherein the liquid embolise consists of 30 to 70 % v/v of component (a) and of 15 to 35 % v/v each of components (b) and (c).

21. (New) The kit of claim 17, wherein said component (a) contains a zein emulsion in aqueous alcohol, a radiopaque contrast medium and a vegetable oil.

22. (New) A method for the production of a liquid embolizate for use in a method to occlude vascular malformations, said liquid embolizate consisting of:

- (a) 20 to 80 % v/v of an occlusion mixture containing a zein emulsion in aqueous ethanol,
- (b) 10 to 40 % v/v of a radiopaque contrast medium in liquid form and
- (c) 10 to 40 % v/v of ethanol,

the percentages of components (a), (b) and (c) adding up to 100 % of the liquid embolizate, wherein, in the absence of air, component (a) is homogenized, component (b) admixed with component in (a) and component (c) is admixed to the mixture comprising components (a) and (b).

23. (New) The method of claim 22, wherein the mixing process takes place under vacuum.

24. (New) The method of claim 22, wherein the elimination of air is achieved by centrifuging.

25. (New) The method of claim 22, wherein said components (a), (b) and (c) are in separately packed form and intermixed with the help of a mixing system.

26. (New) The method of claim 25, wherein said components (a), (b) and (c) are present in drawn-up form in syringes.

27. (New) The method of claim 22, wherein said mixing system is a three-way cock.

28. (New) The method of claim 22, carried out immediately before use of the liquid embolizate for occlusion of vessels and vascular malformations.

29. (New) The method of claim 28, wherein the vascular malformations are aneurysms or arteriovenous short circuits.